

IN THE ABSTRACT OF THE DISCLOSURE

Please use the accompanying Abstract of the Disclosure, which is contained on a separate sheet of paper, as required by 37 C.F.R. §1.72(b), as the Abstract for the instant patent application.

## ABSTRACT OF THE DISCLOSURE

A coil array for an imaging apparatus using nuclear magnetic resonance (NMR) for the transmission or reception, or both, of the Lamor frequency signals, assembled in fields, or arrays, includes individual coils made from a conductor track that defines an area. An electrical conductor is applied, at least in the defined area, and is arranged either within or outside the individual coils, and completely surrounding the individual coils and forming a closed circuit.